Epidemiology (EPID)

Graduate Degree Program
College: Public Health

Abstract
The Department of Epidemiology and Biostatistics offers a Ph.D. program in Epidemiology. Students in the Ph.D. program in Epidemiology master core knowledge in epidemiologic and biostatistical methods related to the design, implementation and evaluation of public health studies surrounding psychosocial, behavioral, biological, and cultural factors. Students may work with their advisor to design their own research specialization or they may apply to one of our two specializations:

1. Social Epidemiology or
2. Environmental Epidemiology.

Our students have full access to faculty who will guide you through all phases of the program to ensure your educational goals are met. Our Washington, DC area location provides unparalleled opportunities for research experiences in public health, including placements at the U.S. Department of Health and Human Services (e.g., National Institutes of Health, National Center for Health Statistics), Children's National Medical Center, the Maryland Department of Health and Mental Hygiene, and many other national, state, and local health agencies.

Financial Assistance
The Department offers a limited number of fellowships, and graduate teaching and research assistantships.

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Relationships: Biostatistics (BIOS) (https://academiccatalog.umd.edu/graduate/programs/biostatistics-bios) Epidemiology (EPDM) (https://academiccatalog.umd.edu/graduate/programs/epidemiology-epdm)

Admissions
PART 1. SOPHAS APPLICATION

- You must send an official transcript for all completed college courses. These transcripts go directly to SOPHAS.
- We require 3 letters of recommendation. Your references will receive an email invite from SOPHAS to complete the recommendation online.
- Test scores. GRE and English proficiency (IELTS and TOEFL) scores must be sent to 5688 & 5814.
- Pay the SOPHAS application fee.
- Your SOPHAS application will go through several phases including submission, completion and verification. Verification can take up to four weeks, therefore we recommend starting the application early.

PART 2: UNIVERSITY OF MARYLAND SUPPLEMENTAL APPLICATION

- The supplemental application is completed online via an emailed invitation from the UMD graduate school.
- The invite is sent within one week of your SOPHAS verification date to the email on file with SOPHAS.
- The title of the email is ‘please complete the school of public health supplemental application.’
- This application requires demographic and residency questions, transcript, and application fee.
- You must submit a PDF copy of your undergraduate degree transcript (the transcript that indicates degree awarded).
- The application fee is $75.00
- Upon completion of BOTH parts, you will receive notification of ‘Under Committee Review’, which means the application has been sent to the review committee.

For more information, please visit the School of Public Health website (http://sph.umd.edu/content/graduate-admissions).

APPLICATION DEADLINES

<table>
<thead>
<tr>
<th>Type of Applicant</th>
<th>Fall Deadline</th>
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<tr>
<td>Domestic Applicants</td>
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<tr>
<td>US Citizens and Permanent Residents</td>
<td>Priority: 15 Nov Final: 14 Feb</td>
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<td>International Applicants</td>
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<tr>
<td>F (student) or J (exchange visitor) visas; A,E,G,H,I and L visas and immigrants</td>
<td>Priority: 15 Nov Final: 14 Feb</td>
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Requirements
- Epidemiology, Doctor of Philosophy (Ph.D.) (https://academiccatalog.umd.edu/graduate/programs/epidemiology-epid/epidemiology-phd)

Facilities and Special Resources
The Department of Epidemiology and Biostatistics faculty includes individuals with multi-faceted interests in both epidemiology and biostatistics. Our faculty have research interests and expertise in the epidemiology of infectious disease and chronic disease with particular focus in the areas of HIV/STIs, cancer, health disparities, cardiovascular disease, obesity/physical activity, and sexual and reproductive health. Additional areas of specialization include social and behavioral determinants of health, aging, cultural competency, and community-
based interventions. Biostatistics faculty apply statistical techniques including survival and longitudinal analysis, computational statistics, statistical analysis of genomic and proteomic data, machine learning, neuroimaging statistics, (network) meta-analysis, missing data analysis, Bayesian hierarchical methods, and bioinformatics to analyze and interpret health data.